

FIG. 1

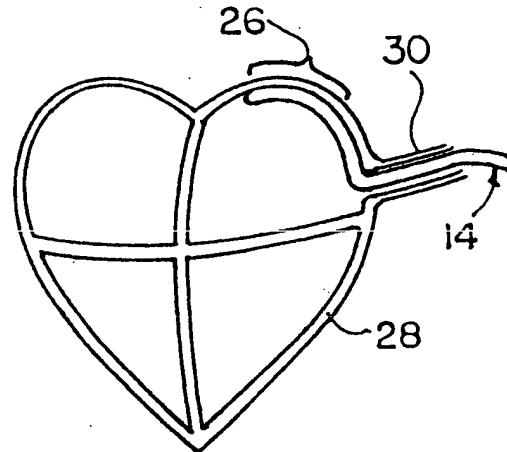


FIG. 2

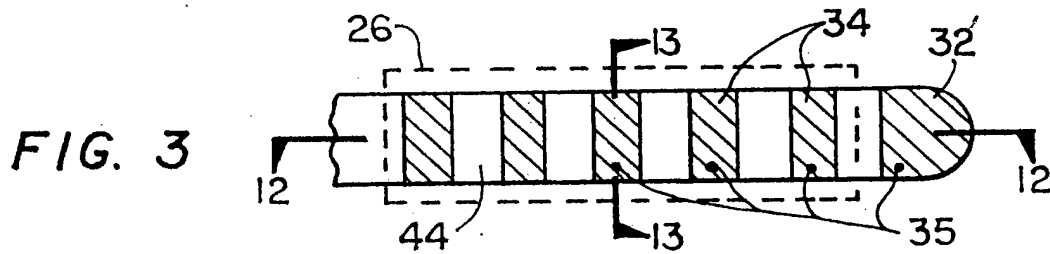


FIG. 3

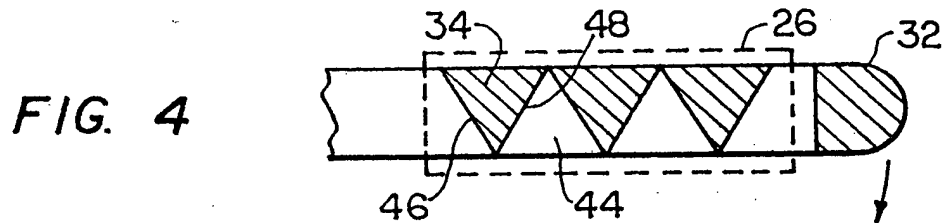


FIG. 4

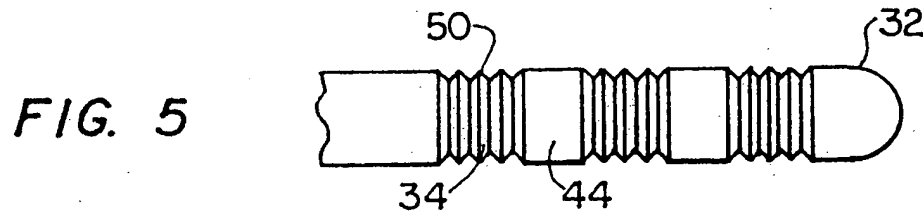


FIG. 5

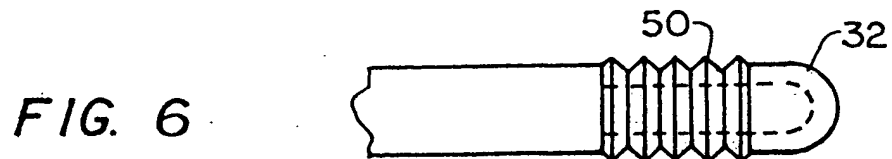


FIG. 6

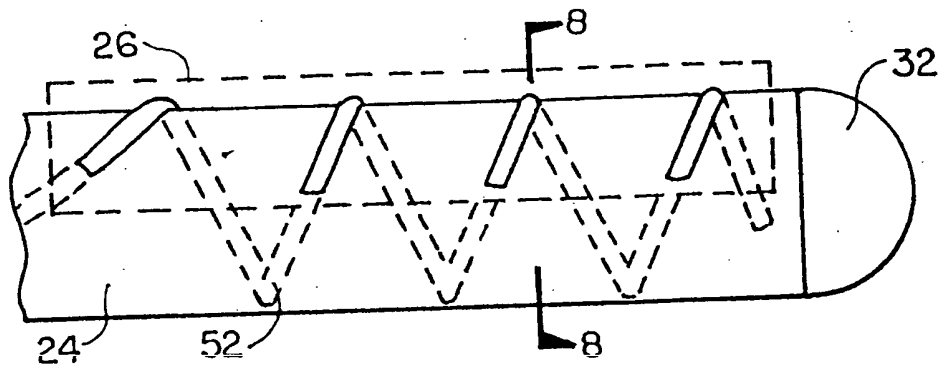


FIG. 7

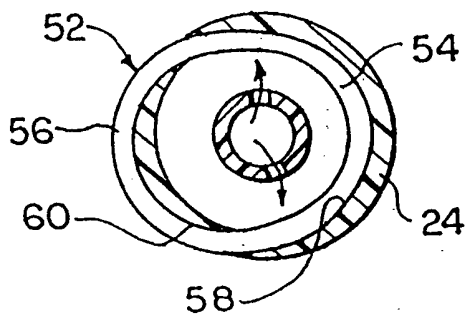


FIG. 8

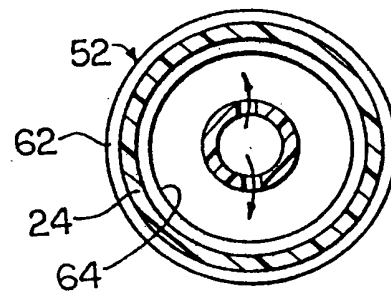


FIG. 9

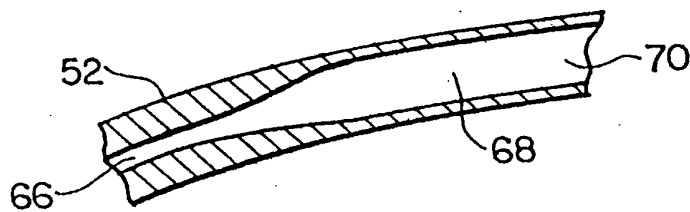


FIG. 10

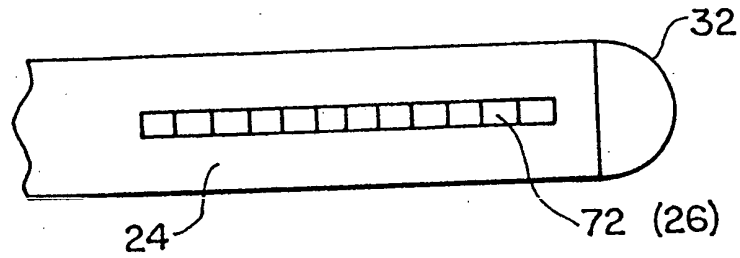


FIG. 11

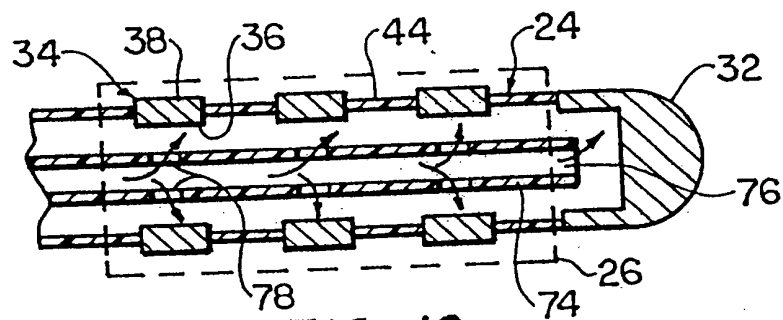


FIG. 12

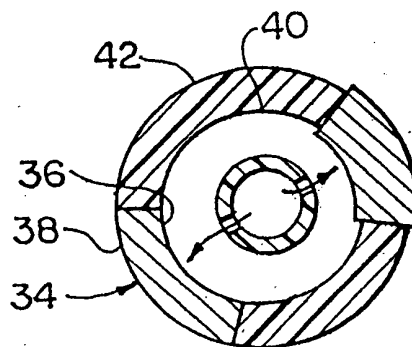
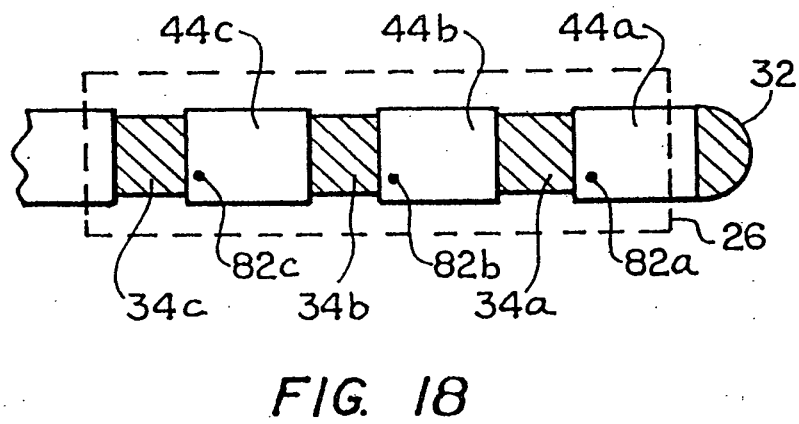
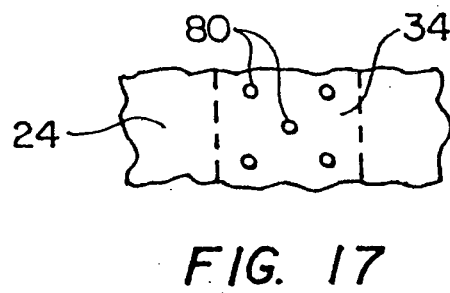
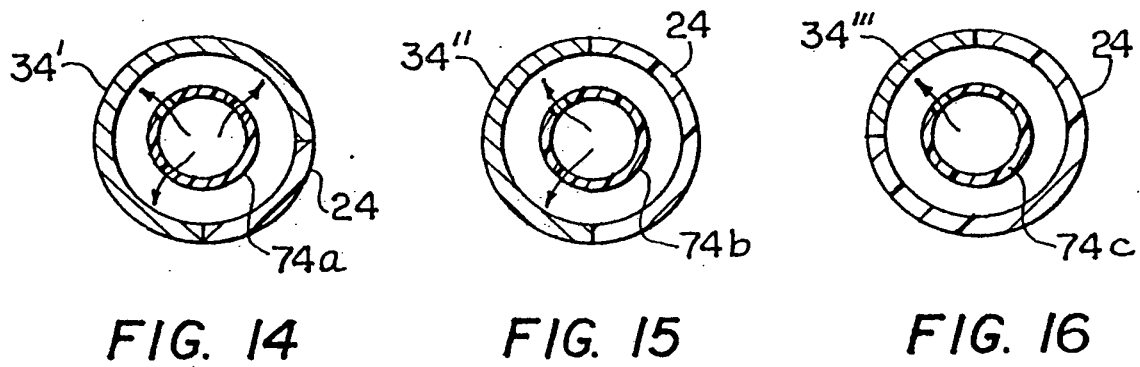


FIG. 13



	PRESS.		TEMPERATURE [°C]		
	[psi]				
		TIP	RING1	RING2	RING3
Test I					
	230	-45	6	16	13
	250	-45	-36	3	1
	270	-43	-43	-19	-20
	290	-40	-47	-23	-22
	310	-40	-47	-32	-25
	330	-39	-47	-38	-27
	350	-39	-47	-47	-31
	370	-40	-47	-48	-45
	390	-39	-47	-48	-49
	410	-36	-46	-47	-49
	430	-36	-46	-48	-49
Test II					
	235	-50			
	275	-51	-52	-4	6
	300	-44	-50	-53	-2
	325	-43	-51	-52	-24
	350	-43	-50	-51	-33
	375	-42	-49	-50	-52
	400	-40	-49	-50	-53
	425	-39	-48	-49	-51
	449	-37	-47	-48	-50
Test III					
	235	-48	-40	20	25
	275	-48	-42	0	5
	300	-47	-47	-38	-8
	325	-45	-49	-44	-25
	350	-42	-51	-51	-35
	375	-41	-49	-52	-51
	400	-38	-47	-48	-52
	425	-38	-47	-48	-53
	449	-36	-47	-47	-50

FIG. 19

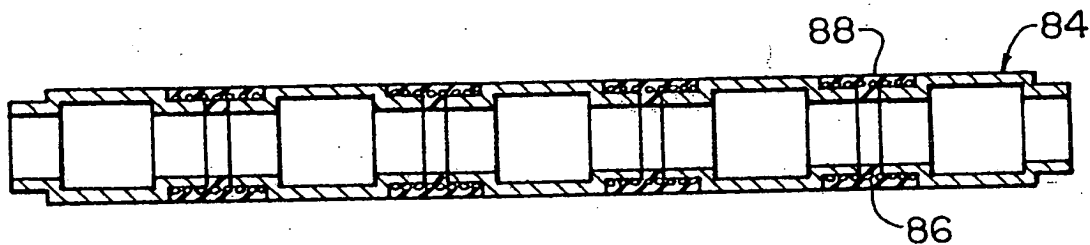


FIG. 20

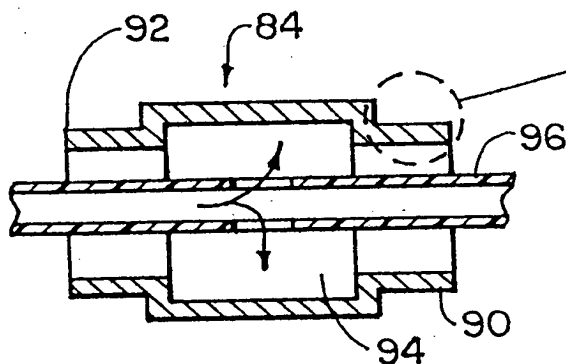


FIG. 21

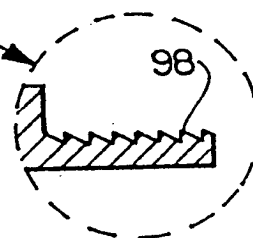


FIG. 22

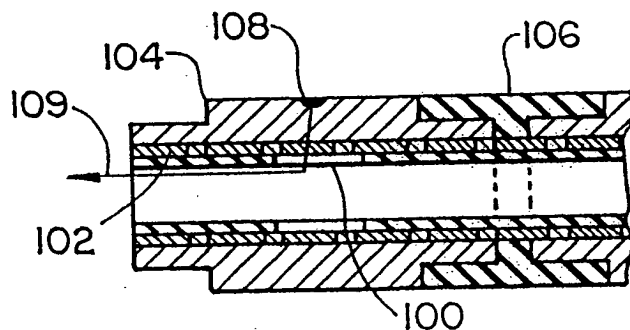


FIG. 23

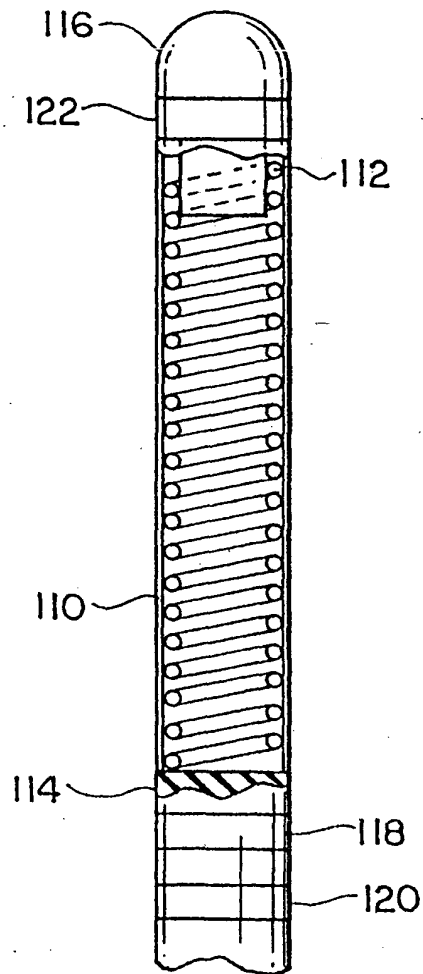
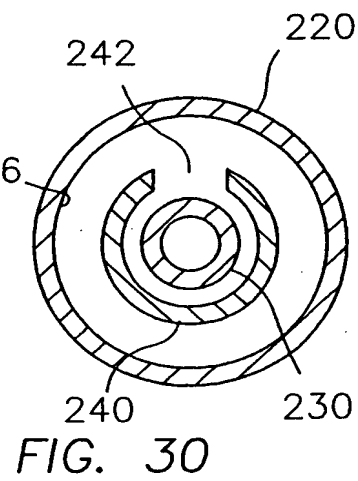
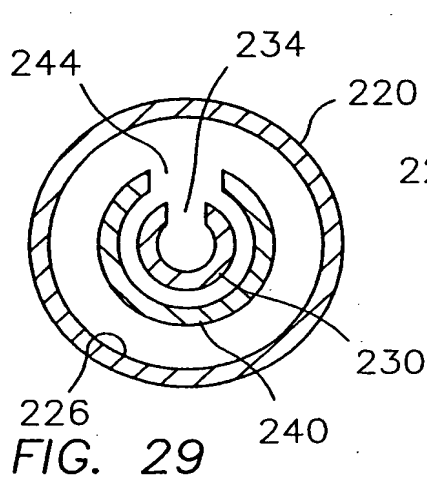
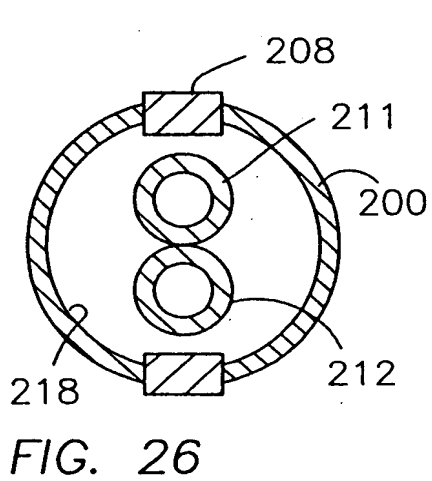
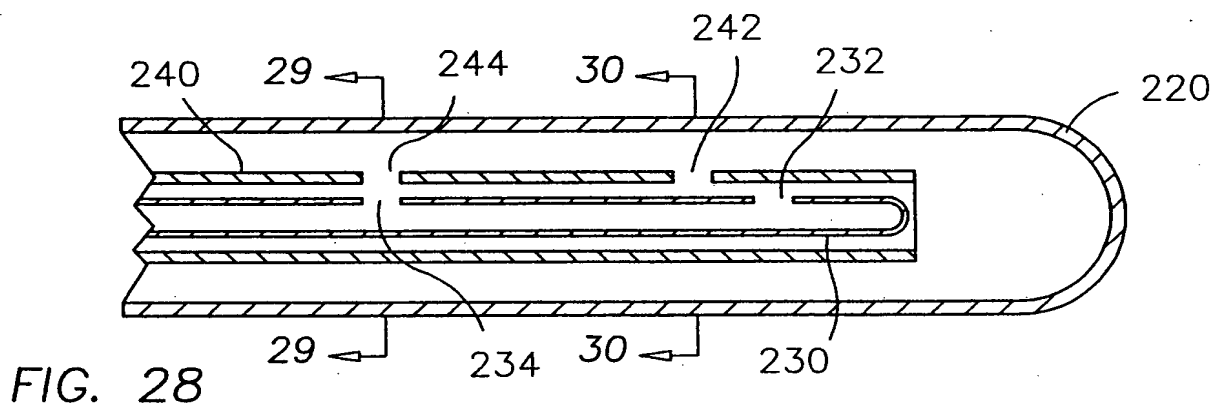
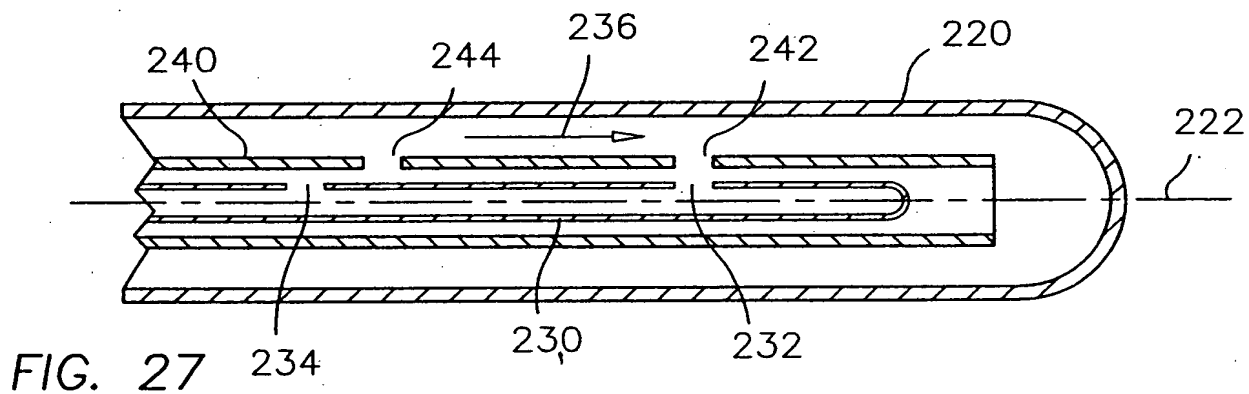
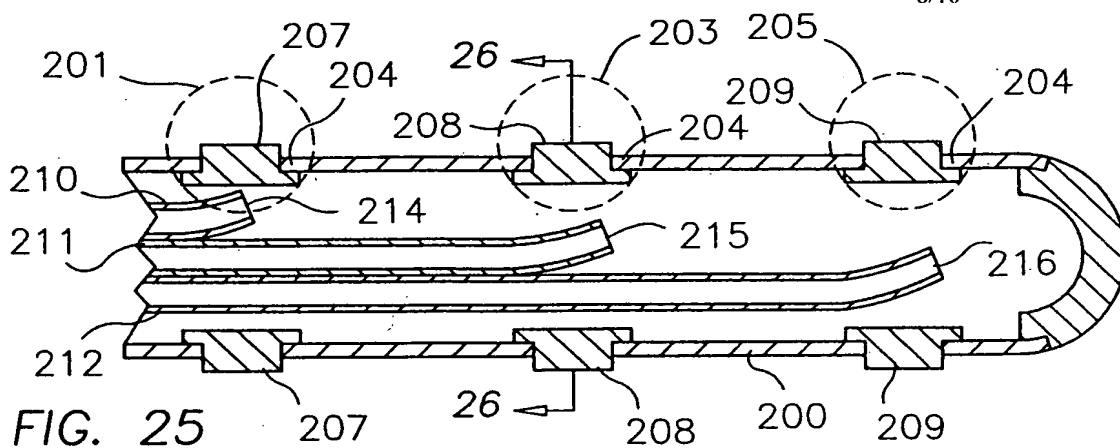


FIG. 24





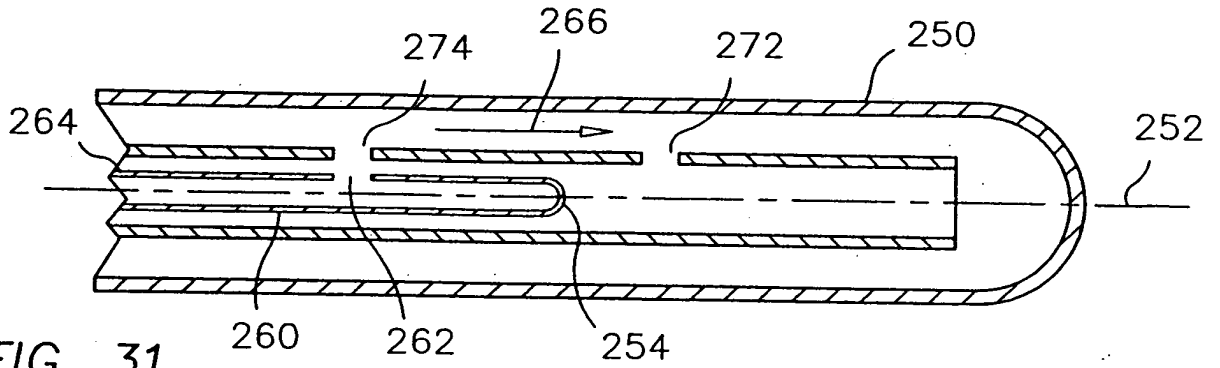


FIG. 31

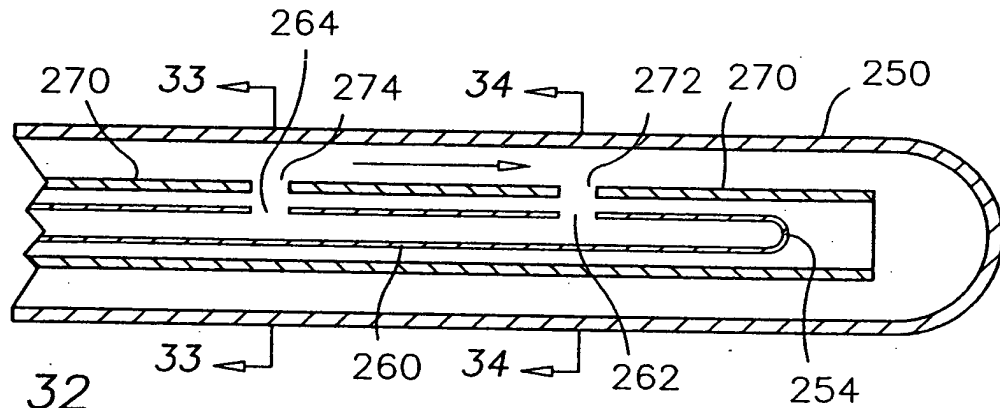


FIG. 32

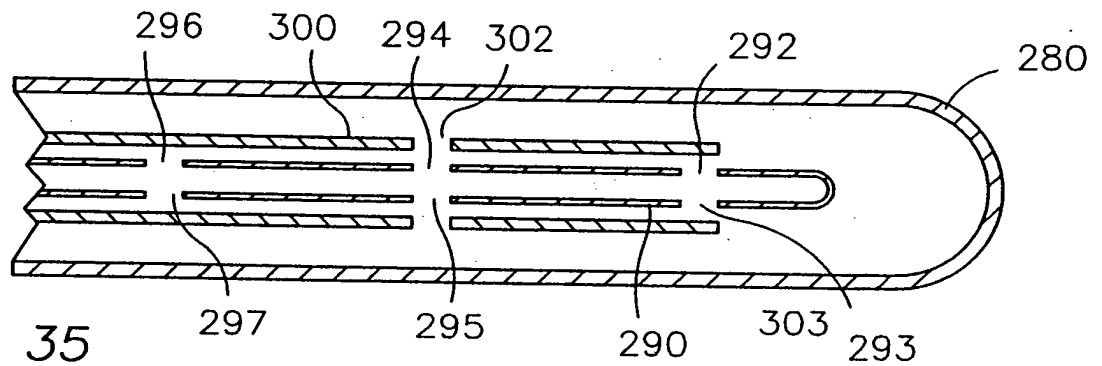


FIG. 35

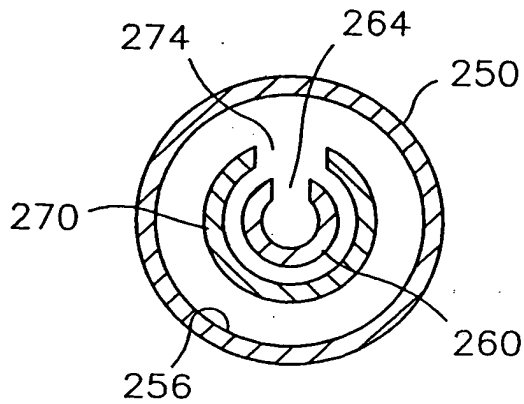


FIG. 33

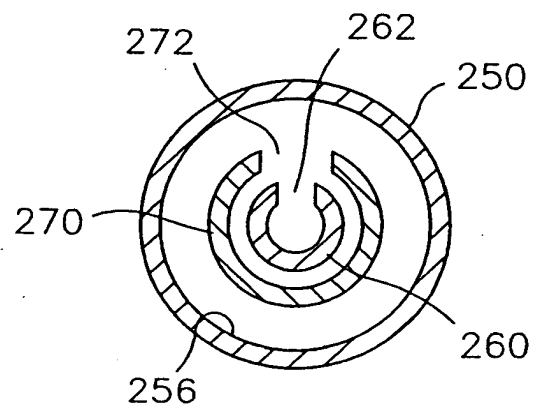


FIG. 34

